

Claims:

1. A method for dynamically verifying a multiple beam antenna which is placed on a craft (F) comprising a device for determining the position and course of the craft and a transmitter device which via the antenna can emit pulsed signals, c h a r a c -
t e r i s e d in that more than one transponder (A, B, C, D) are placed in different directions round a measuring area within which the craft (F) is intended to move, that each transponder is adapted to receive a pulsed signal of at least one frequency,
different for the different transponders, via a receiving antenna (9) which is capable of receiving incoming signals from the entire measuring area, that a common
measuring station (M) is placed in connection with the measuring area, that the transponders (A, B, C, D) are adapted to send, after receiving said pulsed signal, a
corresponding pulsed signal to the measuring station in such a manner that it can be
determined at the measuring station (M) from which transponder each received
signal comes, that the craft (F) is made to move within the measuring area, that the position and course of the craft are determined before a measuring sequence, that a
measuring sequence is emitted from the craft via the antenna that is to be verified, said measuring sequence comprising a reference signal from the craft to the
measuring station, a first pulsed signal to the first transponder, a second pulsed
signal to the second transponder etc, that the measuring station detects the refer-
ence signal and the subsequent pulsed signals from the transponders, that the measuring procedure is repeated while the craft is moving within the measuring
area, and that the measuring station calculates to what degree the antenna
manages to direct signals in different directions round the craft for different
frequencies.
2. A method as claimed in claim 1, c h a r a c t e r i s e d in that the different transponders emit signals to the measuring station within different, mutually neigh-
bouring, narrow-band frequency ranges.